Dr. FAN Zhen Zhen

Senior Lecturer & Consultant, Artificial Intelligence Practice

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Profile

Zhenzhen has been with NUS-ISS since 2006. She currently lectures in the Master of Technology programme in the areas of case-based reasoning, text mining, KBS development, hybrid KBS, and formal specification. Prior to joining NUS-ISS, she was a senior research engineer at the Institute for Infocomm Research working in the areas of machine translation and natural language processing. Her current research interests lie in text mining and computational linguistics.

Educational Qualifications/Professional Certifications

- PhD., Nanyang Technological University, Singapore, 2019
- MTech (KE), National University of Singapore, 2004
- B.A., Tsinghua University, Beijing, 1993

Academic and Professional Experience

- Senior Research Engineer, Institute for Infocomm Research, A*STAR, Singapore, 1997 - 2006

Membership and Professional Activities

- Member of Singapore Computer Society 2012

Research Interests

- Text Mining & Data Mining
- Natural Language Processing
- Computational Linguistics
- Machine Translation
- Knowledge Representation

Courses

- KBS Development
- Case-Based Reasoning
- Hybrid KE Systems
- Text Mining
- Formal Methods

What I Teach

DATA SCIENCE

Recommender Systems

ARTIFICIAL INTELLIGENCE

Reasoning Systems

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Text Analytics

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Conversational UIs

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Text Processing using Machine Learning

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